

R. RECORDATION FORM COVER
PATENTS ONLY

05-20-1998

IMERCE
rk Office

ATTY DOCKET NO. 560043610015



Tab settings - - -

101041180

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

George H. BuAbbud



2. Name and address of receiving party(ies):

Name: Reltec Corporation

Internal Address:

Street Address: 5900 Landerbrook Drive

City: Cleveland State: OH ZIP: 44124

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: APRIL 30, 1999

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: APRIL 30, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David B. Cochran

Internal Address: JONES, DAY, REAVIS & POGUE

North Point

Street Address: 901 Lakeside Avenue

City: Cleveland State: OH ZIP: 44114

6. Total Number of applications and patents involved: ONE (1)

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

50-0566

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

JOY MONTTOOTH

Name of Person Signing

Signature

May 11, 1999

Date

Total number of pages including cover sheet, attachments and document: 3

DLMAIN01 1047981.1

ASSIGNMENT

WHEREAS, I, George H. BuAbbud, residing at 1606 Pheasant Lane,
Southlake, Tx, 76092, have made an invention in an

RF RETURN OPTICAL TRANSMISSION

described in a patent application executed by me on even date herewith; and

WHEREAS, Reltec Corporation, a corporation organized and existing under the laws of Delaware and having its principal place of business at 5900 Landerbrook Drive, Cleveland Ohio 44124, U.S.A., is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I do hereby sell, assign, and transfer unto said Reltec Corporation, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications and to claim priority under the provisions of the International Convention; also any improvements on said invention or inventions now or hereafter made by me during the period of my employment; also the entire right, title and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention, inventions, or improvements and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention, inventions, or improvements in this or any foreign country, and I hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Reltec Corporation, as assignee of the entire interest.

I do hereby agree for myself and for my heirs, executors, and administrators to execute any lawful document and to testify as to any material fact or thing which Reltec Corporation, its successors and assigns, may deem necessary in order to secure unto itself its successors and assigns the full right, title and interest in and to the full enjoyment of said invention or any part thereof and the said Letters Patent or any of them, the same to be done without any further consideration.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.


George H. BuAbbud

4/30/ 1999

Certificate under 37 CFR 1.10 of Mailing by "Express Mail"

EM499357454US

"Express Mail" label number

MAY 11, 1999

Date of Deposit

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


Signature of person mailing correspondence

JOY MONTTOOTH

Typed or printed name of person mailing correspondence

ASSIGNMENT / ASSIGNMENT COVER SHEET

ATTORNEY DOCKET NO.560043610015

PTO Form 8-3.1

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "RELTEC COMMUNICATIONS INC.", CHANGING ITS NAME FROM "RELTEC COMMUNICATIONS INC." TO "MARCONI COMMUNICATIONS INC.", FILED IN THIS OFFICE ON THE TWENTY-SIXTH DAY OF MAY, A.D. 1999, AT 4:30 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE THIRTY-FIRST DAY OF MAY, A.D. 1999.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



2112183 8100

991212432

Edward J. Freel, Secretary of State

AUTHENTICATION:

DATE:

9773172

05-28-99

7
CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION

RELTEC Communications Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of said corporation, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of said corporation:

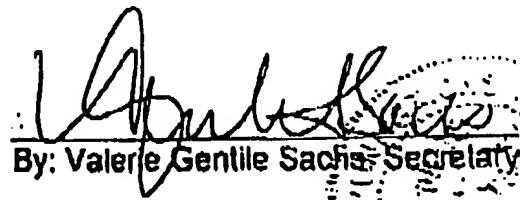
RESOLVED, that Article 1 of the Certificate of Incorporation of the Company be deleted in its entirety and the following inserted in lieu thereof:

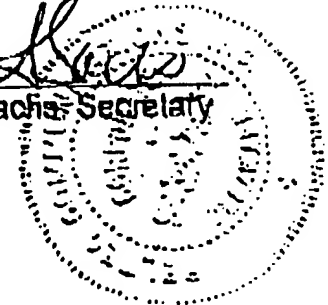
"FIRST: The name of the corporation is Marconi Communications Inc."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware. That this Certificate of Amendment of the Restated Certificate of Incorporation shall be effective as of the close of business on May 31, 1999.

IN WITNESS WHEREOF, said RELTEC Communications Inc. has caused this certificate to be signed by Valerie Gentile Sachs, its Secretary, this 19th day of May, 1999.


By: Valerie Gentile Sachs, Secretary





**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 20, 1999

PTAS

JONES, DAY, REAVIS & POGUE
DAVID B. COCHRAN
NORTH POINT
901 LAKESIDE AVENUE
CLEVELAND, OHIO 44114



101041180A

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/11/1999

REEL/FRAME: 009953/0952
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BUABBUD, GEORGE H.

DOC DATE: 04/30/1999

ASSIGNEE:

RELTEC CORPORATION
5900 LANDERBROOK DRIVE
CLEVELAND, OHIO 44124

SERIAL NUMBER: 09309717
PATENT NUMBER:

FILING DATE: 05/11/1999
ISSUE DATE:

SHIRLIE SIMON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



566043-610-015
Centa
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 08, 1999

PTAS

JONES DAY REAVIS & POGUE
DAVID B. COCHRAN, ESQ.
901 LAKESIDE AVENUE
NORTH POINT
CLEVELAND, OHIO 44114



101119409A

**CORRECTED
NOTICE**

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/28/1999

REEL/FRAME: 010043/0815
NUMBER OF PAGES: 5

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RELTEC CORPORATION

DOC DATE: 05/31/1999

ASSIGNEE:

MARCONI COMMUNICATIONS, INC.
5900 LANDERBROOK DRIVE
MAYFIELD HTS., OHIO 44124

SERIAL NUMBER: 09203409
PATENT NUMBER:

FILING DATE: 12/02/1998
ISSUE DATE:

SERIAL NUMBER: 09164495
PATENT NUMBER:

FILING DATE: 10/01/1998
ISSUE DATE:

SERIAL NUMBER: 09150817
PATENT NUMBER:

FILING DATE: 09/11/1998
ISSUE DATE:

SERIAL NUMBER: 60102715
PATENT NUMBER:

FILING DATE: 10/01/1998
ISSUE DATE:

SERIAL NUMBER: 09237984
PATENT NUMBER:

FILING DATE: 01/25/1999
ISSUE DATE:

SERIAL NUMBER: 09286055
PATENT NUMBER:

FILING DATE: 04/05/1999
ISSUE DATE:

SERIAL NUMBER: 09249733
PATENT NUMBER:

FILING DATE: 02/12/1999
ISSUE DATE:

SERIAL NUMBER: 09249055
PATENT NUMBER:

FILING DATE: 02/12/1999
ISSUE DATE:

SERIAL NUMBER: 09309717
PATENT NUMBER:

FILING DATE: 05/11/1999
ISSUE DATE:

SERIAL NUMBER: 09100392
PATENT NUMBER:

FILING DATE: 06/19/1998
ISSUE DATE:

SERIAL NUMBER: 09130734
PATENT NUMBER:

FILING DATE: 08/07/1998
ISSUE DATE:

SERIAL NUMBER: 09305637
PATENT NUMBER:

FILING DATE: 05/05/1999
ISSUE DATE:

SERIAL NUMBER: 09325619
PATENT NUMBER:

FILING DATE: 06/03/1999
ISSUE DATE:

SERIAL NUMBER: 08794723
PATENT NUMBER:

FILING DATE: 02/03/1997
ISSUE DATE:

SERIAL NUMBER: 09277705
PATENT NUMBER:

FILING DATE: 03/26/1999
ISSUE DATE:

SERIAL NUMBER: 09300880
PATENT NUMBER:

FILING DATE: 04/28/1999
ISSUE DATE:

SERIAL NUMBER: 09305579
PATENT NUMBER:

FILING DATE: 05/05/1999
ISSUE DATE:

SERIAL NUMBER: 60135623
PATENT NUMBER:

FILING DATE: 05/24/1999
ISSUE DATE:

SERIAL NUMBER: 60135624
PATENT NUMBER:

FILING DATE: 05/24/1999
ISSUE DATE:

SERIAL NUMBER: 29106035
PATENT NUMBER:

FILING DATE: 06/07/1999
ISSUE DATE:

SERIAL NUMBER: 09324244
PATENT NUMBER:

FILING DATE: 06/02/1999
ISSUE DATE:

SERIAL NUMBER: 06163929
PATENT NUMBER: 4352962

FILING DATE: 06/27/1980
ISSUE DATE: 10/05/1982

SERIAL NUMBER: 06867375
PATENT NUMBER: D291566

FILING DATE: 05/27/1986
ISSUE DATE: 08/25/1987

SERIAL NUMBER: 06708734
PATENT NUMBER: D291563

FILING DATE: 03/06/1985
ISSUE DATE: 08/25/1987

SERIAL NUMBER: 07111215
PATENT NUMBER: 4767980

FILING DATE: 10/22/1987
ISSUE DATE: 08/30/1988

SERIAL NUMBER: 07250974
PATENT NUMBER: 4876630

FILING DATE: 09/23/1988
ISSUE DATE: 10/24/1989

SERIAL NUMBER: 07265718
PATENT NUMBER: 4903292

FILING DATE: 11/01/1988
ISSUE DATE: 02/20/1990

SERIAL NUMBER: 07327685
PATENT NUMBER: 4952758

FILING DATE: 03/23/1989
ISSUE DATE: 08/28/1990

SERIAL NUMBER: 07264356
PATENT NUMBER: 4958926

FILING DATE: 10/31/1988
ISSUE DATE: 09/25/1990

SERIAL NUMBER: 07517765
PATENT NUMBER: 4980655

FILING DATE: 05/02/1990
ISSUE DATE: 12/25/1990

SERIAL NUMBER: 07411727
PATENT NUMBER: 5022752

FILING DATE: 09/25/1989
ISSUE DATE: 06/11/1991

SERIAL NUMBER: 07547430
PATENT NUMBER: 5046067

FILING DATE: 07/02/1990
ISSUE DATE: 09/03/1991

SERIAL NUMBER: 07504049
PATENT NUMBER: 5050210

FILING DATE: 04/03/1990
ISSUE DATE: 09/17/1991

SERIAL NUMBER: 07541577
PATENT NUMBER: 5067810

FILING DATE: 06/21/1990
ISSUE DATE: 11/26/1991

SERIAL NUMBER: 07621536
PATENT NUMBER: 5146476

FILING DATE: 12/03/1990
ISSUE DATE: 09/08/1992

SERIAL NUMBER: 07461814
PATENT NUMBER: 5155746

FILING DATE: 01/08/1990
ISSUE DATE: 10/13/1992

SERIAL NUMBER: 07624860
PATENT NUMBER: 5260996

FILING DATE: 12/10/1990
ISSUE DATE: 11/09/1993

SERIAL NUMBER: 08566898
PATENT NUMBER: 5640433

FILING DATE: 12/04/1995
ISSUE DATE: 06/17/1997

SERIAL NUMBER: 08567140
PATENT NUMBER: 5652712

FILING DATE: 12/04/1995
ISSUE DATE: 07/29/1997

SERIAL NUMBER: 08298146
PATENT NUMBER: 5515433

FILING DATE: 08/30/1994
ISSUE DATE: 05/07/1996

010043/0815 PAGE 4

SERIAL NUMBER: 08328904
PATENT NUMBER: 5505636

FILING DATE: 10/25/1994
ISSUE DATE: 04/09/1996

SERIAL NUMBER: 06185892
PATENT NUMBER: 4309676

FILING DATE: 09/10/1980
ISSUE DATE: 01/05/1982

SERIAL NUMBER: 06526119
PATENT NUMBER: 4546322

FILING DATE: 08/24/1983
ISSUE DATE: 10/08/1985

SERIAL NUMBER: 06120125
PATENT NUMBER: 4331842

FILING DATE: 02/11/1980
ISSUE DATE: 05/25/1982

JACQUELINE MOORE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Correspondent Name and Address

Area Code and Telephone Number (216) 586-7029

Name David B. Cochran, Esq.

Address (line 1) Jones Day Reavis & Pogue

Address (line 2) North Point

Address (line 3) 901 Lakeside Avenue

Address (line 4) Cleveland, Ohio 44114

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

2

Application Number(s) or Patent Number(s)

☒ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/203,409

60/102,715

09/249,733

4,331,842

D291,563

4,903,292

09/164,495

09/237,984

09/249,055

4,352,962

4,767,980

4,952,758

09/150,817

09/286,055

09/309,717

D291,566

4,876,630

4,958,926

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

44

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 1,760.00

Method of Payment:

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Enclosed ☒

Deposit Account ☒

Deposit Account Number:

10-1202

Authorization to charge additional fees:
*overpayment or underpayment

Yes ☒

No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

David B. Cochran

Name of Person Signing

Signature

Date

June 22 1999

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
- ☐ Resubmission (Non-Recordation)
Document ID#
- ☐ Correction of PTO Error
Reel # Frame #
- ☐ Corrective Document
Reel # Frame #

Conveyance Type

- ☐ Assignment ☐ Security Agreement
- ☐ License ☒ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

- ☐ Mark if additional names of conveying parties attached
- Execution Date
Month Day Year
May 31 1999

Name (line 1)

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Receiving Party

- ☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

REGISTRATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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State/Country

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Name (line 2)

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Address (line 3)

City

State/Country

Zip Code

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☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/100,392

09/277,705

29/106,035

09/130,734

09/300,880

09/324,244

09/305,637

09/305,579

09/325,619

60/135623

08/794,723

60/135,624

Patent Number(s)

4,980,655

5,146,476

5,515,433

5,022,752

5,155,746

5,505,636

5,046,067

5,260,996

4,309,676

5,050,210

5,640,433

4,546,322

5,067,810

5,652,712